

Title (en)
Echogenic medical device

Title (de)
Echogene medizinische Vorrichtung

Title (fr)
Dispositif médical échogénique

Publication
EP 2620111 A3 20130918 (EN)

Application
EP 13152223 A 20130122

Priority
US 201261590495 P 20120125

Abstract (en)
[origin: EP2620111A2] An echogenic medical device includes a shaft having a proximal portion, a distal portion, first and second opposing longitudinal sides, and a passageway extending therethrough. The distal end includes a beveled opening communicating with the passageway, and extending between a distal tip portion disposed along the first longitudinal side and a heel portion disposed along the second longitudinal side. A first echogenic region extends circumferentially around the shaft at the distal portion. The first echogenic region is structured for providing a signal visible along the circumference of the shaft under ultrasound visualization. A second echogenic region extends along a length of the second longitudinal side and is substantially aligned with the heel portion. The second echogenic region is structured and arranged for providing a generally linear signal visible under ultrasound examination along the second longitudinal side, and substantially not visible along the first longitudinal side.

IPC 8 full level
A61B 17/34 (2006.01)

CPC (source: EP US)
A61B 8/0841 (2013.01 - US); **A61B 17/3403** (2013.01 - EP US); **A61B 2017/00455** (2013.01 - EP US); **A61B 2017/3413** (2013.01 - EP US); **A61B 2090/3925** (2016.02 - EP US)

Citation (search report)
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• [XY] US 2011190660 A1 20110804 - LEVY MICHAEL J [US]
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• [X] US 2011160592 A1 20110630 - MITCHELL CHRISTOPHER [AU]
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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2620111 A2 20130731; EP 2620111 A3 20130918; EP 2620111 B1 20170830; US 2013190609 A1 20130725

DOCDB simple family (application)
EP 13152223 A 20130122; US 201313737373 A 20130109